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COMMERCIAL APPLES

Production by Varieties
1966 With Comparisons

December 1, 1966

Commercial apple production in the United States during 1966 totaled 129.7 million bushels, 5 percent less than the 1965 crop but 4 percent more than average. These estimates include quantities of mature apples left unharvested because of low prices, shortage of labor, or other economic reasons. About 2.1 percent of the 1966 crop was left unharvested compared with 2.3 percent for the 1965 crop.

In the Eastern States the 1966 apple crop totaled 52.2 million bushels, 22 percent below 1965 and 14 percent less than average. A late spring freeze, coupled with summer drought, resulted in a short crop in most of the Eastern States. Production in the Central States during 1966 totaled 25.6 million bushels, 11 percent less than 1965 and 1 percent below average. The reduction from last year is largely attributed to damage resulting from the mid-May freeze in Ohio, Indiana, and Illinois. The Western States 1966 apple crop amounted to 51.9 million bushels, up 29 percent from 1965 and 34 percent above average. Production was above both last year and average in all Western States except Idaho, Colorado, and Utah.

Washington was the leading State in 1966 with 33 million bushels, accounting for one-fourth of the Nation's production. New York ranked second with 23 million bushels and Michigan third with 16 million bushels. California's 12.5 million bushel crop placed that State in fourth position, jumping ahead of both Virginia and Pennsylvania which ranked fourth and fifth, respectively in 1965.

Red Delicious continues to be the leading variety, accounting for 27 percent of the 1966 production. Other leading varieties and percent of total production were: McIntosh, 13 percent; Golden Delicious, 10 percent; Jonathan, 7 percent; Rome Beauty, 7 percent; and Winesap, 5 percent. Those six varieties accounted for 69 percent of the National crop.

Eighty-seven percent of this year's crop was winter varieties, the same as last year. Fall varieties accounted for 9 percent of the 1966 crop and 10 percent of the 1965 crop. Summer varieties made up 4 percent of the 1966 production compared with 3 percent in 1965.

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CURRENT SERIAL RECORDS

UNITED STATES DEPARTMENT OF AGRICULTURE
Statistical Reporting Service
FrNt 2-2-2 (66)
Crop Reporting Board
Washington, D. C.

Table 1.--Apples, commercial crop 1/: Production by varieties, United States, 1966 with comparisons

(In thousands of bushels)

Variety	Average 1960-64	1965	1966
SUMMER VARIETIES			
Gravenstein	2,554	886	3,238
Other Summer	2,461	2,402	1,896
Total summer varieties	5,015	3,288	5,134
FALL VARIETIES			
Grimes Golden	1,126	1,058	387
Jonathan	8,419	10,053	9,199
Wealthy	1,320	1,144	1,115
Other fall	1,709	1,729	1,359
Total fall varieties	12,573	13,984	12,060
WINTER VARIETIES			
Baldwin	2,459	2,302	1,906
Ben Davis and Gano	1,079	913	828
Black Twig (Paragon)	240	153	26
Cortland	3,574	3,907	3,923
Delicious	28,745	34,181	35,211
Golden Delicious	9,139	12,137	12,924
McIntosh	17,087	18,196	16,795
Northern Spy	3,002	3,449	3,237
R. I. Greening	3,092	3,690	3,696
Rome Beauty	9,292	10,607	9,601
Stayman	6,486	7,805	4,105
Winesap	7,860	5,869	6,729
Yellow Newtown 2/	4,040	4,116	3,920
York Imperial	6,590	6,431	4,381
Other winter	4,843	5,022	5,204
Total winter varieties	107,526	118,778	112,486
Total all varieties	125,115	136,050	129,680

1/ Estimates of commercial crop refer to the total production of apples in the commercial areas of each State.

2/ Albemarle Pippin.

Table 2.--Apples, commercial crop 1/: Production of summer varieties, for selected States and areas, 1966 with comparisons

(In thousands of bushels)

State and area	Gravenstein			Other summer			Total summer		
	Average 1960-64	1965	1966	Average 1960-64	1965	1966	Average 1960-64	1965	1966
New England	113	120	70	196	224	194	310	344	264
New York	---	---	---	191	250	250	191	250	250
New Jersey	---	---	---	299	289	224	299	289	224
Pennsylvania	---	---	---	257	310	200	257	310	200
Delaware	---	---	---	59	32	14	59	32	14
Maryland	---	---	---	44	44	20	44	44	20
Virginia	---	---	---	103	50	40	103	50	40
West Virginia	---	---	---	172	100	40	172	100	40
North Carolina	---	---	---	24	21	13	24	21	13
Total Eastern	113	120	70	1,346	1,320	995	1,459	1,440	1,065
Ohio	---	---	---	91	118	66	91	118	66
Indiana	---	---	---	46	46	22	46	46	22
Illinois	---	---	---	210	175	133	210	175	133
Michigan	---	---	---	264	270	280	264	270	280
Wisconsin	---	---	---	129	104	80	129	104	80
Missouri	---	---	---	73	62	22	73	62	22
Other States 2/	---	---	---	151	178	175	151	178	175
Total Central	---	---	---	964	953	778	964	953	778
Idaho	---	---	---	7	7	3	7	7	3
Colorado	---	---	---	3	2	1	3	2	1
Washington	---	---	---	29	25	4/	29	25	4/
Oregon	16	18	30	---	---	---	16	18	30
California	2,424	748	3,138	101	88	112	2,526	836	3,250
Other States 3/	---	---	---	11	7	7	11	7	7
Total Western	2,441	766	3,168	151	129	123	2,592	895	3,291
United States	2,554	886	3,238	2,461	2,402	1,896	5,015	3,288	5,134

See footnotes on page 12.

Table 3.--Apples, commercial crop 1/: Production of fall varieties, for selected States and areas, 1966 with comparisons

(In thousands of bushels)

State and area	Grimes Golden			Jonathan			Wealthy		
	Average 1960-64	1965	1966	Average 1960-64	1965	1966	Average 1960-64	1965	1966
New England	---	---	---	---	---	---	73	55	46
New York	---	---	---	---	---	---	449	370	370
New Jersey	15	8	5/	16	16	5/	---	---	---
Pennsylvania	133	118	80	561	631	400	53	54	5/
Delaware	6	9	3	---	---	---	---	---	---
Maryland	42	32	20	54	69	45	---	---	---
Virginia	168	105	40	293	245	125	---	---	---
West Virginia	135	155	70	170	120	90	---	---	---
North Carolina	67	50	27	---	---	---	---	---	---
Total Eastern	566	477	240	1,094	1,081	660	575	479	416
Ohio	107	114	44	522	578	440	109	95	62
Indiana	131	128	48	307	357	243	14	11	6
Illinois	22	25	20	606	925	636	44	12	10
Michigan	214	240	5/	3,544	4,300	4,500	284	290	300
Wisconsin	---	---	---	46	39	48	206	182	240
Missouri	42	23	11	311	542	461	22	23	11
Other States 2/	36	49	23	389	507	381	62	50	68
Total Central	552	579	146	5,726	7,248	6,709	741	663	697
Idaho	---	---	---	152	224	185	---	---	---
Colorado	8	2	1	407	480	403	3	5/	5/
Washington	---	---	---	470	425	500	---	---	---
Oregon	---	---	---	36	18	25	---	---	---
California	---	---	---	403	422	550	---	---	---
Other States 3/	---	---	---	131	155	167	1	2	2
Total Western	8	2	1	1,600	1,724	1,830	3	2	2
United States	1,126	1,058	387	8,419	10,053	9,199	1,320	1,144	1,115

See footnotes on page 12.

Table 3.--Apples, commercial crop 1/: Production of fall varieties, for selected States and areas, 1966 with comparisons - Continued

(In thousands of bushels)

State and area	Other fall			Total fall		
	Average 1960-64	1965	1966	Average 1960-64	1965	1966
New England	34	32	37	107	87	83
New York	585	650	600	1,034	1,020	970
New Jersey	41	19	40	72	43	40
Pennsylvania	108	128	160	856	931	640
Delaware	2	2	2	8	11	5
Maryland	20	30	20	116	131	85
Virginia	243	245	45	705	595	210
West Virginia	72	65	20	377	340	180
North Carolina	25	21	14	92	71	41
Total Eastern	1,131	1,192	938	3,366	3,229	2,254
Ohio	37	38	22	774	825	568
Indiana	18	17	3	470	513	300
Illinois	28	25	21	701	987	687
Michigan	---	---	---	4,042	4,830	4,800
Wisconsin	80	104	96	332	325	384
Missouri	25	16	11	399	604	494
Other States 2/	57	54	40	545	660	512
Total Central	244	254	193	7,262	8,744	7,745
Idaho	6	4	1	158	228	186
Colorado	4	5	2	421	487	405
Washington	---	---	---	470	425	500
Oregon	5	4/	4/	40	18	25
California	310	273	225	713	695	775
Other States 3/	9	1	4/	142	158	169
Total Western	334	283	228	1,944	2,011	2,061
United States	1,709	1,729	1,359	12,573	13,984	12,060

See footnotes on page 12.

Table 4.--Apples, commercial crop 1/: Production of winter varieties, for selected States and areas, 1966 with comparisons

(In thousands of bushels)

State and area	Baldwin			Ben Davis and Gano			Black Twig (Paragon)		
	Average 1960-64	1965	1966	Average 1960-64	1965	1966	Average 1960-64	1965	1966
New England	589	512	360	---	---	---	---	---	---
New York	1,482	1,400	1,400	710	690	700	---	---	---
New Jersey	---	---	---	---	---	---	29	24	13
Pennsylvania	76	86	80	---	---	---	80	54	4/
Delaware	---	---	---	---	---	---	---	---	---
Maryland	---	---	---	---	---	---	---	---	---
Virginia	---	---	---	77	30	4/	70	30	4/
West Virginia	---	---	---	39	4/	4/	21	4/	4/
North Carolina	----	---	---	---	---	---	36	42	13
Total Eastern	2,147	1,998	1,840	825	720	700	236	150	26
Ohio	90	64	65	---	---	---	---	---	---
Indiana	---	---	---	---	---	---	---	---	---
Illinois	---	---	---	46	25	21	---	---	---
Michigan	222	240	4/	---	---	---	---	---	---
Wisconsin	---	---	---	---	---	---	---	---	---
Missouri	---	---	---	80	78	58	---	---	---
Other States 2/	---	---	---	53	24	19	---	---	---
Total Central	312	304	65	179	127	98	---	---	---
Idaho	---	---	---	---	---	---	---	---	---
Colorado	---	---	---	68	64	30	---	---	---
Washington	---	---	---	---	---	---	---	---	---
Oregon	---	---	---	---	---	---	---	---	---
California	---	---	---	---	---	---	---	---	---
Other States 3/	---	---	---	6	2	4/	4	3	4/
Total Western	---	---	---	74	66	30	4	3	4/
United States	2,459	2,302	1,905	1,079	913	828	240	153	26

See footnotes on page 12.

Table 4.--Apples, commercial crop 1/: Production of winter varieties, for selected States and areas, 1966 with comparisons - Continued

(In thousands of bushels)

State and area	Cortland			Delicious			Golden Delicious		
	Average 1960-64	1965	1966	Average 1960-64	1965	1966	Average 1960-64	1965	1966
New England	631	768	665	659	806	779	116	130	142
New York	2,084	2,250	2,400	1,658	2,050	2,150	555	650	710
New Jersey	40	30	33	430	481	440	130	151	101
Pennsylvania	174	214	136	1,004	1,230	736	810	1,070	1,008
Delaware	---	---	---	62	54	46	10	21	18
Maryland	---	---	---	271	260	170	184	210	160
Virginia	---	---	---	2,008	2,585	1,180	965	1,240	755
West Virginia	---	---	---	821	890	300	560	625	370
North Carolina	---	---	---	760	1,554	770	292	462	413
Total Eastern	2,929	3,262	3,234	7,674	9,910	6,571	3,621	4,559	3,677
Ohio	177	152	132	541	711	231	315	304	194
Indiana	14	28	17	284	292	100	316	274	155
Illinois	---	---	---	277	275	246	791	800	738
Michigan	258	290	320	1,824	2,380	1,900	500	640	700
Wisconsin	194	169	208	128	78	128	6/	26	32
Missouri	---	---	---	236	217	220	180	194	190
Other States 2/	6/	6	12	303	305	228	218	264	232
Total Central	645	645	689	3,594	4,258	3,053	2,320	2,502	2,241
Idaho	---	---	---	514	560	555	44	73	60
Colorado	---	---	---	335	553	370	97	160	137
Washington	---	---	---	13,098	15,575	20,000	2,506	4,000	5,800
Oregon	---	---	---	844	897	1,062	105	175	225
California	---	---	---	2,244	1,998	2,912	370	616	638
Other States 3/	---	---	---	442	430	688	75	52	146
Total Western	---	---	---	17,477	20,013	25,587	3,198	5,076	7,006
United States	3,574	3,907	3,923	28,745	34,181	35,211	9,139	12,137	12,924

See footnotes on page 12.

Table 4.--Apples, commercial crop 1/: Production of winter varieties, for selected States and areas, 1966 with comparisons - Continued

(In thousands of bushels)

State and area	McIntosh			Northern Spy			R. I. Greening		
	Average 1960-64	1965	1966	Average 1960-64	1965	1966	Average 1960-64	1965	1966
New England	5,359	5,930	4,982	239	261	213	34	35	23
New York	7,300	7,840	7,200	819	780	780	2,774	3,330	3,360
New Jersey	201	197	167	---	---	---	---	---	---
Pennsylvania	370	471	280	85	75	4/	---	---	---
Delaware	---	---	---	---	---	---	---	---	---
Maryland	12	15	10	---	---	---	---	---	---
Virginia	---	---	---	---	---	---	---	---	---
West Virginia	---	---	---	---	---	---	---	---	---
North Carolina	---	---	---	---	---	---	---	---	---
Total Eastern	13,243	14,453	12,639	1,143	1,116	993	2,808	3,365	3,383
Ohio	280	285	191	41	53	44	24	15	13
Indiana	56	57	32	---	---	---	---	---	---
Illinois	---	---	---	---	---	---	---	---	---
Michigan	2,832	2,800	3,200	1,818	2,280	2,200	260	310	300
Wisconsin	574	494	624	---	---	---	---	---	---
Missouri	---	---	---	---	---	---	---	---	---
Other States 2/	55	45	93	---	---	---	---	---	---
Total Central	3,797	3,681	4,140	1,859	2,333	2,244	284	325	313
Idaho	---	---	---	---	---	---	---	---	---
Colorado	---	---	---	---	---	---	---	---	---
Washington	29	50	4/	---	---	---	---	---	---
Oregon	---	---	---	---	---	---	---	---	---
California	---	---	---	---	---	---	---	---	---
Other States 3/	18	12	16	---	---	---	---	---	---
Total Western	47	62	16	---	---	---	---	---	---
United States	17,087	18,196	16,795	3,002	3,449	3,237	3,092	3,690	3,696

See footnotes on page 12.

Table 4.--Apples, commercial crop 1/: Production of winter varieties, for selected States and areas, 1966 with comparisons - Continued

(In thousands of bushels)

State and area	Rome Beauty			Stayman			Winesap		
	Average 1960-64	1965	1966	Average 1960-64	1965	1966	Average 1960-64	1965	1966
New England	81	93	79	23	27	21	---	---	---
New York	1,701	1,910	2,200	---	---	---	---	---	---
New Jersey	706	651	535	548	591	440	---	---	---
Pennsylvania	1,306	1,444	1,080	1,603	1,990	1,440	---	---	---
Delaware	92	144	90	24	23	18	5	3	2
Maryland	174	150	130	267	300	200	12	19	20
Virginia	473	440	205	1,532	1,750	530	992	1,030	515
West Virginia	801	940	390	768	795	290	246	160	70
North Carolina	590	798	918	490	882	378	23	42	27
Total Eastern	5,923	6,570	5,627	5,256	6,358	3,317	1,279	1,254	634
Ohio	551	646	424	426	505	198	---	---	---
Indiana	209	198	170	145	176	50	55	44	49
Illinois	71	113	82	28	12	10	60	38	41
Michigan	234	290	330	324	480	420	---	---	---
Wisconsin	---	---	---	---	---	---	---	---	---
Missouri	---	---	---	112	108	11	57	62	69
Other States 2/	77	53	22	119	124	35	63	82	24
Total Central	1,142	1,300	1,028	1,153	1,405	724	235	226	183
Idaho	356	455	350	---	---	---	17	42	35
Colorado	230	192	247	---	---	---	106	102	83
Washington	672	675	830	18	4/	4/	6,053	4,075	5,600
Oregon	41	33	25	---	---	---	20	12	20
California	703	1,126	1,212	---	---	---	125	149	138
Other States 3/	226	256	282	58	42	64	25	9	36
Total Western	2,227	2,737	2,946	76	42	64	6,346	4,389	5,912
United States	9,292	10,607	9,601	6,486	7,805	4,105	7,860	5,869	6,729

See footnotes on page 12.

Table 4.--Apples, commercial crop 1/: Production of winter varieties, for selected States and areas, 1966 with comparisons - Continued

(In thousands of bushels)

State and area	Yellow Newtown (Albemarle Pippin)			York Imperial		
	Average 1960-64	1965	1966	Average 1960-64	1965	1966
New England	---	---	---	---	---	---
New York	---	---	---	---	---	---
New Jersey	---	---	---	---	---	---
Pennsylvania	---	---	---	2,191	2,525	2,160
Delaware	---	---	---	6	3	3
Maryland	---	---	---	280	280	140
Virginia	85	75	45	2,739	2,560	1,130
West Virginia	---	---	---	1,252	975	910
North Carolina	---	---	---	23	21	11
Total Eastern	85	75	45	6,493	6,364	4,354
Ohio	---	---	---	20	19	11
Indiana	---	---	---	---	---	---
Illinois	---	---	---	---	---	---
Michigan	---	---	---	---	---	---
Wisconsin	---	---	---	---	---	---
Missouri	---	---	---	31	39	11
Other States 2/	---	---	---	46	9	5
Total Central	---	---	---	97	67	27
Idaho	---	---	---	---	---	---
Colorado	---	---	---	---	---	---
Washington	105	100	4/	---	---	---
Oregon	889	1,107	1,038	---	---	---
California	2,961	2,834	2,837	---	---	---
Other States 3/	---	---	---	---	---	---
Total Western	3,955	4,041	3,875	---	---	---
United States	4,040	4,116	3,920	6,590	6,431	4,381

See footnotes on page 12.

Table 4.--Apples, commercial crop 1/: Production of winter varieties, for selected States and areas, 1966 with comparisons - Continued

(In thousands of bushels)

State and area	Other winter			Total winter		
	Average 1960-64	1965	1966	Average 1960-64	1965	1966
New England	192	197	189	7,923	8,759	7,453
New York	852	830	880	19,934	21,730	21,780
New Jersey	191	243	207	2,249	2,368	1,936
Pennsylvania	304	300	240	8,028	9,459	7,160
Delaware	4	9	4	205	257	181
Maryland	41	41	15	1,242	1,275	845
Virginia	121	115	90	9,062	9,855	4,450
West Virginia	84	175	50	4,592	4,560	2,380
North Carolina	169	307	116	2,384	4,108	2,646
Total Eastern	1,958	2,217	1,791	55,618	62,371	48,831
Ohio	109	103	62	2,574	2,857	1,566
Indiana	215	222	105	1,294	1,291	678
Illinois	96	75	92	1,369	1,338	1,230
Michigan	1,182	1,190	1,550	9,454	10,900	10,920
Wisconsin	187	104	144	1,083	871	1,136
Missouri	182	186	75	878	884	634
Other States 2/	156	150	233	1,092	1,062	903
Total Central	2,128	2,030	2,261	17,745	19,203	17,067
Idaho	13	35	11	945	1,165	1,011
Colorado	30	40	26	866	1,111	893
Washington	60	75	270	22,541	24,550	32,500
Oregon	108	70	75	2,007	2,294	2,445
California	536	546	738	6,939	7,269	8,475
Other States 3/	10	9	32	865	815	1,264
Total Western	756	775	1,152	34,163	37,204	46,588
United States	4,843	5,022	5,204	107,526	118,778	112,486

See footnotes on page 12.

UNITED STATES DEPARTMENT OF AGRICULTURE
STATISTICAL REPORTING SERVICE
WASHINGTON, D. C. 20250

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Table 5.--Apples, commercial crop 1/: Production of all varieties, for selected States and areas, 1966 with comparisons

(In thousands of bushels)

State and area	Average 1960-64	1965	1966
New England	8,340	9,190	7,800
New York	21,160	23,000	23,000
New Jersey	2,620	2,700	2,200
Pennsylvania	9,140	10,700	8,000
Delaware	272	300	200
Maryland	1,402	1,450	950
Virginia	9,870	10,500	4,700
West Virginia	5,140	5,000	2,600
North Carolina	2,500	4,200	2,700
Total Eastern	60,444	67,040	52,150
Ohio	3,440	3,800	2,200
Indiana	1,810	1,850	1,000
Illinois	2,280	2,500	2,050
Michigan	13,760	16,000	16,000
Wisconsin	1,544	1,300	1,600
Missouri	1,350	1,550	1,150
Other States 2/	1,788	1,900	1,590
Total Central	25,972	28,900	25,590
Idaho	1,110	1,400	1,200
Colorado	1,290	1,600	1,300
Washington	23,040	25,000	33,000
Oregon	2,064	2,330	2,500
California	10,178	8,800	12,500
Other States 3/	1,017	980	1,440
Total Western	38,699	40,110	51,940
United States	125,115	136,050	129,680

1/ Estimates of commercial crop refer to total production of apples in the commercial areas of each State. 2/ Minnesota, Iowa, Nebraska, Kansas, Kentucky, Tennessee, and Arkansas. Estimates for Nebraska discontinued beginning with the 1961 crop season. 3/ Montana, New Mexico, and Utah. 4/ Estimates discontinued. Production included with "other winter varieties". 5/ Estimates discontinued. Production included with "other fall varieties". 6/ Golden Delicious included with "other winter varieties" prior to 1965 in Wisconsin. Cortland included with "other winter varieties" prior to 1964 for "Other Central States".